

man's origin and early biological history. I have reason to believe that when any one in this country digs up a bone his first instinct (subject to the intervention of the police) is to send it to Sir Arthur Keith. You are to hear from him an address on Darwinism as it stands today—a subject of perennial interest, and more than once one of warm controversy at our own meetings. The occasion of the presidential address does not (I am thankful to say) lend itself to controversy, but the warmth I am sure you will supply in your welcome to Sir Arthur Keith, and, meeting as you are in Leeds, that warmth will be increased by the traditional quality of Yorkshire hospitality.

THE FIFTH INTERNATIONAL GENETICS CONGRESS

As has already been recorded here, the Fifth International Genetics Congress will be held in Berlin from September 11 to 17, with headquarters at the University of Berlin. The general program will begin with a visit to the Zoological Gardens at five o'clock on Sunday afternoon and a reception at seven at the restaurant in the gardens. Following is the program of general sessions for the week:

Monday, September 12—Opening session (Address of welcome, Election of the Presiding Committee). Address: R. v. Wettstein, Vienna: Das Problem der Evolution. Evening: Informal reception by the Reichsregierung and the Preussische Staatsregierung.

Tuesday, September 13—General meeting. Addresses by R. Pearl, Baltimore: Eugenics; O. Rosenberg, Stockholm: Speziesbildung mit Vervielfältigung von Chromosomen, and H. Federley, Helsingfors: Chromosomenverhältnisse bei Mischlingen. Evening: Reception by the Municipal Government of Berlin, in the Rathaus.

Wednesday, September 14—General meeting. Addresses by A. Pézard, Paris: Hormones sexuelles et hérédité mendélienne chez les Gallinacés; N. I. Vavilov, Leningrad: Geographische Genzentren der kultivierten Pflanzen, and A. F. Blakeslee, Cold Spring Harbor: Genetics of Datura. Evening: Special performances in the Staatlichen Opernhaus and the Städtischen Oper.

Thursday, September 15—General meeting. Addresses by C. Correns, Dahlem: Nichtmendelnde Vererbung; H. J. Muller, Austin: The problem of genic modification, and H. Winkler, Hamburg: Zur Theorie der Crossing-over-Erscheinungen. Afternoon: Visit to the institutes at Dahlem.

Friday, September 16—General meeting. Addresses by F. A. E. Crew, Edinburgh: Organization and function of an animal-breeding research department, and J. Seiler, München: Die Geschlechtschromosomenfrage. Afternoon: Excursion to Potsdam and Sanssouci.

Saturday, September 17—Business meeting to determine the next meeting-place and to elect the committee for the preparation of the next congress. Evening: Closing dinner in the Zoologischer Garten.

Divisional meetings have been arranged as follows:

(1) General Genetics, with 57 papers; (2) Cytology

and Genetics, with 20 papers; (3) Genetics of cultivated plants, with 16 papers; (4) Genetics of domestic animals, with 8 papers; (5) Human Genetics, with 15 papers, and (6) Eugenics, with 9 papers.

Americans contributing to the congress are: Dr. Chas. B. Davenport, Dr. E. C. MacDowell, Dr. M. Demerec, Dr. A. M. Banta and Dr. Th. R. Wood, of Cold Spring Harbor; Professor H. E. Crampton and Dr. L. J. Stadler, of Columbia University; Professor E. M. East, of Harvard University; Professor W. H. Eyster, of the University of Maine; Professor E. W. Lindstrom, of Iowa State College; Professor F. B. Hanson, of Washington University; Professor G. H. Shull, of Princeton University; Professor Charles Zeleny, of the University of Illinois; Professor R. E. Cleland, of Goucher College; Dr. K. Sax, of the Maine Agricultural Experiment Station; Professor N. E. Hansen, of the South Dakota College; Professor Leon J. Cole, of the University of Wisconsin; Dr. L. C. Dunn, of the Connecticut Agricultural College; Dr. W. S. Anderson, of the University of Kentucky; Professor R. E. Clausen, of the University of California; Dr. C. J. Lynch, of the Rockefeller Institute; Dr. P. W. Whiting, of Boston; Dr. O. E. White, of the Brooklyn Botanic Garden; Professor Raymond Pearl, of the Johns Hopkins University; Professor A. F. Blakeslee, of Cold Spring Harbor; Professor H. J. Muller, of the University of Texas.

Several excursions of special interest to geneticists are planned at the conclusion of the congress.

THE AMERICAN CHEMICAL SOCIETY

THE American Chemical Society will hold its seventy-fourth meeting at Detroit, beginning on September 5.

The general program is as follows:

Monday, September 5

10:00 A.M.—Registration, Lobby of Ball Room, Statler Hotel.

2:00 P.M.—Council Meeting (continued in evening if necessary).

8:30 P.M.—Informal Reception and Dance.

Tuesday, September 6

11:00 A.M.—General Meeting, Statler Hotel Ball Room. Addresses of Welcome:

In the name of the Detroit Section: L. W. Rowe, Chairman, Detroit Section.

In the name of the City: Mayor John Smith.

Response:

George D. Rosengarten, President, American Chemical Society.

1:30 P.M.—Ladies' trip to Bonstelle Playhouse.

2:00 P.M.—General Divisional Meetings:

Agricultural and Food, Biological, Chemistry of Medicinal Products, and Dye Divisions.

Industrial and Petroleum Divisions, Joint Symposium on "Chemistry Contribution to Automotive Transportation."

Physical and Inorganic Divisions, Symposium on "Present Status of the Chemistry of Proteins."

Organic Division—Small Banquet Room, Statler Hotel.

8:30 P.M.—Boat ride with special entertainment features.

Wednesday, September 7

9:30 A.M.—Divisional Meetings.

1:30 P.M.—Ladies' Trip. Luncheon and Bridge at Detroit Boat Club.

2:00 P.M.—Divisional Meetings.

8:00 P.M.—Public Meeting and President's Address.

Addresses:

George D. Rosengarten, President, American Chemical Society, "Reflections."

Charles F. Kettering, "The Functions of Research."

Thursday, September 8

9:30 A.M.—Divisional Meetings.

1:30 P.M.—Visits to Manufacturing Plants. Trip (1) Ford, River Rouge; Trip (2) Ford, Highland Park; Trip (3) Sight-seeing.

2:00 P.M.—Golf Tournament.

6:30 P.M.—Group Dinners.

9:00 P.M.—Special Feature Entertainment.

Friday, September 9

8:00 A.M.—Visits to Manufacturing Plants. Trip (4) Parke, Davis & Co.; Trip (5) U. S. Rubber Co.; Trip (6) Acme White Lead and Color Works.

9:30 A.M.—Divisional Meetings (if scheduled).

11:00 A.M.—Trip (7) Ann Arbor.

2:00 P.M.—Trip (8) Dodge Brothers Motor Car Co.; Trip (9) Packard Motor Car Co.; Trip (10) Cadillac Motor Car Co.

Saturday, September 10

There are many interesting boat, interurban car, bus, auto or airplane rides for those who have the time and inclination.

SCIENTIFIC NOTES AND NEWS

DR. W. B. CANNON, of the Harvard Medical School, has been made chairman of the committee of arrangements for the International Physiological Congress to be held in Boston in 1929.

DR. FRIDTJOF NANSEN, professor of oceanography in the University of Oslo, has been elected a corresponding member of the Prussian Academy of Sciences in the section of mathematical physics.

DR. C. CORRENS, director of the Kaiser-Wilhelm Institute for Biology, has been elected an honorary member of the Botanical Society of Tokyo.

THE Russian Academy of Sciences has elected as a corresponding member Professor James Franck, of the University of Göttingen, as recipient of the Nobel prize in physics. Professor Albert Einstein and Professor Walther Nernst, of Berlin, who were already corresponding members, have been elected honorary members.

HONORARY doctorates have been conferred by the University of Innsbruck on Dr. Heinrich Herkner, Dr. Karl Heider and Dr. Albrecht Penck, all of the University of Berlin.

THE Ling Foundation of Los Angeles has awarded a gold medal to Dr. Michael S. Creamer for work in behalf of the health of the school children of southern California. The Ling Foundation was recently organized to forward child health work in southern California.

GEORGE HIGGINS MOSES, United States Senator from New Hampshire, has been made chairman of a special committee authorized by the 1927 Legislature to investigate the feasibility of improving marsh lands at Hampton and to find a remedy for coast erosion.

DR. F. G. COTTRELL, who since September, 1922, has been director of the Fixed Nitrogen Research Laboratory, will continue in charge of this work as chief of fertilizer and nitrogen fixation investigations in the new Bureau of Chemistry and Soils. In addition to fixed nitrogen, this unit will include phosphoric acid, potash and fertilizer investigations being made at the Arlington Experiment Farm.

DR. F. A. ERNST, acting chief of the fertilizer and nitrogen fixation investigations and for some time a member of the Fixed Nitrogen Research Laboratory staff, has resigned to join the engineering staff of the Atmospheric Nitrogen Corporation.

DR. HOWARD R. MOORE, formerly with the Eastman Kodak Company, has been appointed to the staff of the Cryogenic Laboratory of the Bureau of Standards.

WILLIAM HENRY PATCHELL, British consulting engineer and past-president of the Institution of Mechanical Engineers of Great Britain, recently arrived in the United States. Mr. Patchell acts in the capacity of consulting engineer for a number of American public utilities.

DR. W. A. SETCHELL, of the University of California, has returned from a tour around the world. He made a special study of coral reef formation among the islands of the Pacific for a period of four months, and also made a survey of varieties of subantarctic algae. A number of valuable collections made during the trip will be housed in the department of botany.